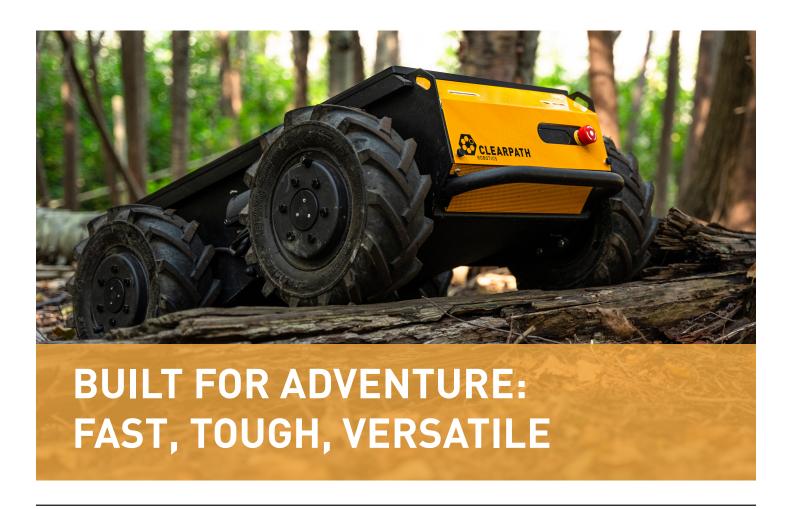
# HUSKY A300<sup>™</sup> UNMANNED GROUND VEHICLE





### **EXCEPTIONAL PERFORMANCE**

Husky is an open-source robotic platform with a high-powered drive train that delivers a max. speed of 2 m/s and a robust payload capacity of 100 kg. With up to 12 hours of runtime, Husky excels in lengthy deployments, ensuring your team gets the most out of every day in the field.

## **RUGGED & ALL TERRAIN**

Engineered for the toughest environments, Husky features a sturdy aluminum chassis, an **IP54** rating, and a high-torque drivetrain powered by four in-wheel brushless motors. Whether it's rocky terrain, hills, mud, sand, or inclement weather, Husky is up for the challenge.

#### **BUILD & EXPAND**

Easily tailor Husky to your project by effortlessly integrating third-party sensors and accessories. Whether you are testing novel autonomy algorithms, developing a robust prototype, or deploying a robotic solution to do real-world work, Husky is up for the challenge.





## TECHNICAL SPECIFICATIONS



SIZE **DRIVE TRAIN** 990 x 698 x 381 mm Four Brushless **AVERAGE RUN TIME** 4 Hours - Upgrade to 8

(38.9 x 27.5 x 15 inch) Motors, Skid Steer

or 12 Hours

WEIGHT **MAX SPEED** 80 kg (176 lb) 2 m/s (4.4mph) **ROS COMPATABILITY** ROS 2 Jazzy

**MAX PAYLOAD** 100 kg (220 lb) **BATTERY** LiFeP04. 40 Ah @ 25.6 V IP RATING IP54

**CLEARANCE** 139 mm (5.4 inch) **CHARGE TIME** 3 - 4 Hours **STANDARDS** FCC Part 15 Subpart B

COMPLIANCE /ICES-003

FCC Part 18 / ICES-002

ISO 12100 Risk Assessment

## **HUSKY AMP**



## THE FASTEST PATH TO BUILDING AUTONOMOUS **ROBOTICS SOLUTIONS**

Built on the rugged and customizable Husky A300 mobile base, Husky AMP (Autonomous Mobile Platform) is designed to simplify and accelerate the development of autonomous solutions — no robotics engineering degree required!

#### **Integrated Sensor Suite**

Husky AMP comes equipped with all the necessary sensors for effective autonomous navigation right out of the box.

**Industry Leading Autonomy Software** Powered by Clearpath's OutdoorNav autonomy software, Husky AMP makes it easy to set up and deploy autonomous missions.

#### **INCLUDED SENSORS**

- Long Range WiFi and LTE Radio
- Dual Antenna RTK GNSS
- 3D Directional LiDAR
- 2x Depth Cameras

#### **EXAMPLE APPLICATIONS**

- Autonomous Inspection
- Autonomous Data Collection
- Autonomous Surveillance and Monitoring
- Autonomous Material Transport

# OTHER PACKAGES

Turnkey configuration packages offer everything needed to get started quickly. Additional sensors can be added or substituted upon request. Contact our team to learn about our custom integration services.



#### **MANIPULATOR PACKAGE**

- Franka Research 3 Manipulator and Control Box
- ROS 2 / Movelt 2 Interface



#### **VISION PACKAGE**

- 2X StereoLabs Zed2 / ZedX Stereo Cameras
- Ouster OS1-64 Spinning LiDAR

# **CONTACT US FOR MORE INFORMATION**

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